

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number
WO 2005/003773 A1

(51) International Patent Classification⁷: **G01N 33/543, 33/96**

[DK/DK]; c/o DakoCytomation Denmark A/S, Produktionsvej 42, DK-2600 Glostrup (DK). **PII**, Kurt [DK/DK]; c/o DakoCytomation Denmark A/S, Produktionsvej 42, DK-2600 Glostrup (DK).

(21) International Application Number:
PCT/IB2004/002682

(74) Agents: **KHOO, Chong-Yee et al.**; D. Young & Co., 120 Holborn, London EC1N 2DY (GB).

(22) International Filing Date: **8 July 2004 (08.07.2004)**

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
0315991.0 8 July 2003 (08.07.2003) GB
60/486,381 11 July 2003 (11.07.2003) US

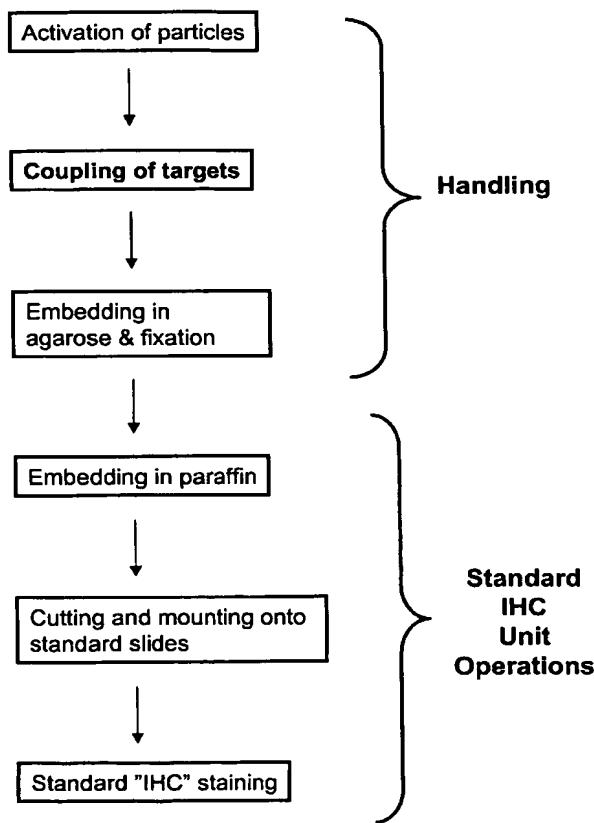
(71) Applicant (for all designated States except US): **DAKO-CYTOMATION DENMARK A/S [DK/DK]**; Produktionsvej 42, DK-2600 Glostrup (DK).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

(72) Inventors; and
(75) Inventors/Applicants (for US only): **WINTHER, Lars**

[Continued on next page]

(54) Title: STANDARD



(57) Abstract: We disclose a reference standard for a detectable entity, the reference standard comprising a support medium, preferably an embedding medium, a compact particle having a compact shape with a quantity of detectable entity coupled thereto and supported by the medium, in which the compact particle is a biological, preferably cellular compact particle, preferably a cellular compact particle. We also disclose a reference standard for a detectable entity, the reference standard comprising a support medium, preferably an embedding medium, a compact particle having a compact shape with a quantity of detectable entity coupled thereto and supported by the medium, in which the compact particle is a non-biological compact particle, preferably a non-cellular compact particle having cell-like dimensions, preferably less than 1.5 mm.

WO 2005/003773 A1



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

Declaration under Rule 4.17:

- *of inventorship (Rule 4.17(iv)) for US only*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.